

## **Production Engineer/Technologist – Electronics**

Zaber Technologies is looking for an engineer with broad experience in programming and electronics to join our Production Engineering team. You'll use your skills to help us improve our production processes and to assist in automating the production and testing of our products.

Zaber Technologies ([www.zaber.com](http://www.zaber.com)) is an innovative and steadily growing employee-owned company focused on designing and manufacturing the world's best precision positioning equipment. Our customers include many of the top technology companies, research labs, and universities around the world.

Given the varied nature of the products and processes at Zaber, you can expect to be constantly learning new skills and tackling new problems. We deal with a wide range of different types of challenges so a broad knowledge base and drive to learn is invaluable. You can expect to benefit from, and contribute to, the varied skill set of the Production Engineering team.

### **Responsibilities**

- Assist with the development of innovative solutions for the automation of production processes
- Create and maintain the software and scripts used in Zaber production
- Improve the incoming and outgoing quality of electronics
- Develop board programming and testing tools in collaboration with the firmware and electronics team
- Be the first point of contact for electronics issues in production
- Develop and implement initiatives to improve Zaber production as a whole

### **Desired Qualities**

- Strong programming skills: object oriented programming, data management, some experience with simple software architecture – C, Python and LabVIEW are all used frequently
- Strong practical electronics skills and the ability to use multimeters, oscilloscopes, function generators, and other standard electronics equipment
- Excellent troubleshooting skills and the ability to find faults in electronic equipment
- Experience with a variety of different sensors and actuators
- Good mechanical aptitude is an asset: if you fix your own bicycle, took a metalworking class in high school, or carved a chess set for your Aunt Sally, let us know!
- A degree or diploma in electrical, computer, or mechatronics engineering, or similar
- Experience, in a manufacturing environment is an asset

At Zaber, we strive to create an open, friendly, and high-achieving work environment. This is an opportunity to exercise your talents and creativity, both in your work and personal projects: you'll have full access to our electrical equipment and machine shop which includes a waterjet, laser cutter, 3D printer, lathes, mills (both manual and CNC), and numerous other tools. Last, but not least, our office has several friendly dogs.

Find out directly from our employees what it's like to work at Zaber by visiting our Glassdoor profile: <http://tinyurl.com/zaber-at-glassdoor>

## **How to Apply**

Email a cover letter and resume to [careers@zaber.com](mailto:careers@zaber.com). In your cover letter, please describe a project you've completed yourself. We'd prefer a personal project, but if you choose to describe a team project, please clearly indicate your contribution. Electrical, software, or mechatronics projects are all acceptable. Be sure to explain what you did, the challenges you faced, the results, and what you learned. A project portfolio is not required but may be beneficial to include.

We are interested in direct applications only. No recruiters please.